

## Patent Abstracts of Japan

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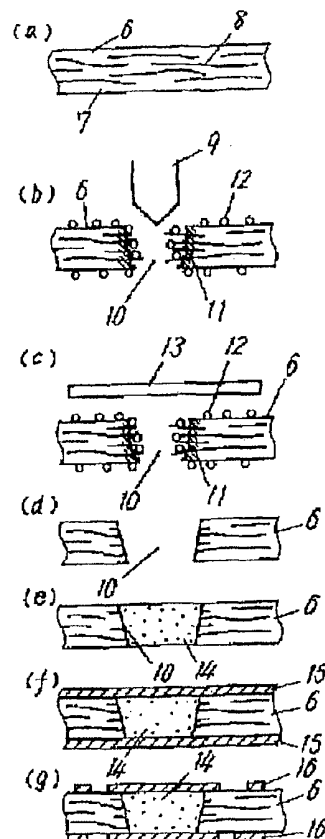
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TITLE : METHOD AND SYSTEM FOR  
PRODUCING CIRCUIT FORMING  
BOARD



ABSTRACT : PROBLEM TO BE SOLVED: To provide a method for producing a circuit forming board being employed in a small electronic apparatus in which a highly reliable board can be produced at low cost by realizing high quality boring without sacrifice of high speed laser machining.

SOLUTION: When a through hole 10 is made by irradiating a board material 6 with a laser beam 9, fragile degenerated parts 11 or machining powder 12 are shaken off from the surface of the board material 6 by bringing a high frequency vibratory plate 13 close to the substrate material 6 and vibrating the plate 13. According to the method, a board material 6 having bores of good shape can be obtained.

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